

Qy 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Db 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Qy 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Db 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Qy 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152
 Db 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152

RESULT 2
 US-09-199-842-5

Sequence 5 Application US/09199842

Patent No. 6,087,125

GENERAL INFORMATION

APPLICANT: Bandman, Olga

APPLICANT: Hawkins, Phillip R.

TITLE OF INVENTION: NOVEL HUMAN NM23-LIKE PROTEIN

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

ZIP: 94304

COUNTRY: U.S.

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/199, 842

FILING DATE: 08/13/2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/713, 825

FILING DATE: 08/13/1997

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36, 749

REFERENCE/DOCKET NUMBER: PF-0124 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

TELEMAIL: PF-0124@incyte.com

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 152 amino acids

TYPE: amino acid

STRANDEDNESS: single

MOLECULE TYPE: peptide

IMMEDIATE SOURCE: GenBank

LIBRARY: GenBank

CLONE: 127983

US-09-199-842-5

Query Match 100.0%; Score 803; DB 2; Length 152;

Best Local Similarity 100.0%; Pred. No. 1.6e-91;

Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Db 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Qy 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Db 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Qy 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152
 Db 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152

RESULT 3
 US-09-335-948-1

Sequence 5 Application US/09335948

Patent No. 6,329,478

GENERAL INFORMATION

APPLICANT: National Institutes of Health

APPLICANT: Charles R. King

APPLICANT: Patricia S. Steeg

APPLICANT: Lance A. Liotta

TITLE OF INVENTION: PRODUCTION AND USE OF HUMAN NM23 PROTEIN

TITLE OF INVENTION: AND ANTIBODIES THEREFOR

CURRENT APPLICATION NUMBER: US/09/335, 948

CURRENT FILING DATE: 1999-08-18

PRIOR APPLICATION NUMBER: 08/475, 634

PRIOR FILING DATE: 1995-06-07

PRIOR APPLICATION NUMBER: 07/806, 932

PRIOR FILING DATE: 1991-12-11

PRIOR APPLICATION NUMBER: 07/422, 801

PRIOR FILING DATE: 1989-10-18

NUMBER OF SEQ ID NOS: 6

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 152

TYPE: PRT

ORGANISM: Homo Sapiens

US-09-335-948-1

Query Match 100.0%; Score 803; DB 2; Length 152;

Best Local Similarity 100.0%; Pred. No. 1.6e-91;

Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Db 1 MANLERPTIAKPGVORGVLGEIIRKFEQKGFRIVAKELRASEEHIKOHYIDLDRPP 60
 Qy 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Db 61 PPGIUKYKNSGPVAMWGLNWKGRMLGETNPADSKPCTIRGDFCIOQGRNITHGS 120
 Qy 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152
 Db 121 DSVSAEKELISLWPKPEELVDYKSCAHDWYE 152

RESULT 4
 US-09-460-532-5

Sequence 5 Application US/09460532

Patent No. 6,486,300

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Hawkins, Phillip R.

TITLE OF INVENTION: NOVEL HUMAN NM23-LIKE PROTEIN

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: U.S.

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/460, 532

FILING DATE: 13-Dec-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/199,842

FILED DATE: <Unknown>

APPLICATION NUMBER: 08/713,825

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Billingb, Lucy J.

REGISTRATION NUMBER: 35,749

REFERENCE/DOCKET NUMBER: PF-0124 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-845-0555

TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 152 amino acids

TYPE: amino acid

STRANDEDNESS: single

MOLECULE TYPE: peptide

IMMEDIATE SOURCE:

LIBRARY: Genbank

CLONE: 127983

SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-460-332-5

Query Match 100.0%; Score 803; DB 2; Length 152;

Best Local Similarity 100.0%; Pred. No. 1, 6e-91; Mismatches 0; Indels 0; Gaps 0;

Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MANLERFTAIKPDGVQRLGVGETIKRFEQKGRFLVAMKFLRASEBEHKQHYIDLDRPP 60

Db 1 MANLERFTAIKPDGVQRLGVGETIKRFEQKGRFLVAMKFLRASEBEHKQHYIDLDRPP 60

QY 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

Db 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

QY 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

Db 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

QY 121 DSVKSAEKEISLWMPKPEELVDYKSCAHDWYB 152

Db 121 DSVKSAEKEISLWMPKPEELVDYKSCAHDWYB 152

RESULT 5

US-09-538-092-987

Sequence 987, Application US/09538092

Patent No. 6733314

GENERAL INFORMATION:

APPLICANT: Giot, Leic

APPLICANT: Mansfield, Traci A.

TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same

FILE REFERENCE: 15966-542

CURRENT APPLICATION NUMBER: US/09/538,092

CURRENT FILING DATE: 2000-03-23

PRIOR APPLICATION NUMBER: 60/127,352

PRIOR FILING DATE: 1999-04-01

PRIOR APPLICATION NUMBER: 60/178,965

PRIOR FILING DATE: 2000-02-01

NUMBER OF SEQ ID NOS: 1387

SOFTWARE: CuraPatSeqFormatter Version 0.9

SEQ ID NO 987

LENGTH: 152

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME: misc_feature

LOCATION: (0)..(0)

OTHER INFORMATION: Polypeptide Accession Number P22392

US-09-538-092-987

Query Match 100.0%; Score 803; DB 2; Length 152;

Best Local Similarity 100.0%; Pred. No. 1, 6e-91; Mismatches 0; Indels 0; Gaps 0;

Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 6

US-09-335-948-2

Sequence 2, Application US/09335948

Patent No. 6329198

GENERAL INFORMATION:

APPLICANT: National Institutes of Health

APPLICANT: Charles R. King

APPLICANT: Patricia S. Steed

APPLICANT: Lance A. Liotta

TITLE OF INVENTION: PRODUCTION AND USE OF HUMAN NM23 PROTEIN

FILE REFERENCE: 14014.0321

CURRENT APPLICATION NUMBER: US/09/335,948

CURRENT FILING DATE: 1999-06-18

PRIOR APPLICATION NUMBER: 08/475,634

PRIOR FILING DATE: 1995-06-07

PRIOR APPLICATION NUMBER: 07/806,932

PRIOR FILING DATE: 1991-12-11

PRIOR APPLICATION NUMBER: 07/422,801

PRIOR FILING DATE: 1989-10-18

NUMBER OF SEQ ID NOS: 6

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2

LENGTH: 176

TYPE: PRT

ORGANISM: Homo Sapiens

US-09-335-948-2

Query Match 100.0%; Score 803; DB 2; Length 176;

Best Local Similarity 100.0%; Pred. No. 1, 9e-91; Mismatches 0; Indels 0; Gaps 0;

Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MANLERFTAIKPDGVQRLGVGETIKRFEQKGRFLVAMKFLRASEBEHKQHYIDLDRPP 60

Db 1 MANLERFTAIKPDGVQRLGVGETIKRFEQKGRFLVAMKFLRASEBEHKQHYIDLDRPP 60

QY 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

Db 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

QY 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

Db 61 FPGLVKVMNSGPVYAMVWEGLNVTKTGRMLGETNPADSKPGTIRGDFCIQGRNITIHS 120

QY 121 DSVKSAEKEISLWMPKPEELVDYKSCAHDWYB 152

Db 121 DSVKSAEKEISLWMPKPEELVDYKSCAHDWYB 152

RESULT 7

US-07-806-932B-3

Sequence 3, Application US/07806932B

Patent No. 6423316

GENERAL INFORMATION:

APPLICANT: KING, ET AL.

TITLE OF INVENTION: PRODUCTION AND USE OF HUMAN

TITLE OF INVENTION: HUMAN NM23 PROTEIN AND ANTIBODIES

TITLE OF INVENTION: THEREFOR

NUMBER OF SEQ DNOSES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,

STREET: 6 BECKER FARM ROAD

CITY: ROSELAND

STATE: NEW JERSEY

COUNTRY: USA
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: DW4.V2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/806,932B
 FILING DATE: 11 December 1991
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/422,801
 FILING DATE: 18 October 1989
 ATTORNEY/AGENT INFORMATION:
 NAME: CAPELLO, SUSAN A.
 REGISTRATION NUMBER: 34,560
 REFERENCE/DOCKET NUMBER: 469200-72
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1744
 TELEFAX: 201-994-1700
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 AMINO ACID RESIDUES
 TOPOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 STRANDEDNESS: SINGLE
 TYPE: AMINO ACIDS
 ANTI-SENSE: NO
 HYPOTHETICAL: NO
 ORIGINAL SOURCE: HUMAN NM 23-H2S
 PUBLICATION INFORMATION:
 RELEVANT RESIDUES IN SEQ ID NO: 3:FROM -24 TO 152
 S-07-806-932B-3

Query Match 100.0%; Score 803; DB 2; Length 176;
 Best Local Similarity 100.0%; Pred. No. 1.9e-91; Mismatches 0; Indels 0; Gaps 0;
 Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MANLERTFAIKPDKPGVORGIVGEIKIKRPFQKGFLVAMKPLRASEEHLKQHYIDIKDRPP 60
 25 MANLERTFAIKPDKPGVORGIVGEIKIKRPFQKGFLVAMKPLRASEEHLKQHYIDIKDRPP 60
 61 FPGIUVKMKNSGPVVAWVWEGLNVTKTRGMLGETNPADSKPGTIRGFCIQVRNLIHGS 120
 85 FPGIUVKMKNSGPVVAWVWEGLNVTKTRGMLGETNPADSKPGTIRGFCIQVRNLIHGS 144
 121 DSVKSAAKEISLWMPKPSLVDYKSCARDWYIE 152
 145 DSVKSAAKEISLWMPKPSLVDYKSCARDWYIE 176

RESULT 8
 -08-713-825-4
 Sequence 4, Application US/08713825
 Patent No. 5874205
 GENERAL INFORMATION:
 APPLICANT: Bandman, Olga
 APPLICANT: Bandman, Phillip R.
 APPLICANT: Hawkins, Phillip R.
 TITLE OF INVENTION: NOVEL HUMAN NM23-LIKE PROTEIN
 NUMBER OF SEQUENCES: 5
 COUNTRY: U.S.
 ZIP: 94304
 STATE: CA
 COUNTRY: U.S.
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/199,842
 FILING DATE:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/713,825
 ATTORNEY/AGENT INFORMATION:
 FILING DATE:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0124 US

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/713,825
 FILING DATE: Filed Herewith
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0124 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 152 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 LIBRARY: GenBank
 CLONE: 468542
 US-08-713-825-4

Query Match 89.7%; Score 720; DB 1; Length 152;
 Best Local Similarity 88.2%; Pred. No. 3.2e-81; Mismatches 8; Indels 0; Gaps 0;
 Matches 134; Conservative 10; Mismatches 8; Indels 0; Gaps 0;

Qy 1 MANLERTFAIKPDKPGVORGIVGEIKIKRPFQKGFLVAMKPLRASEEHLKQHYIDIKDRPP 60
 Db 1 MANLERTFAIKPDKPGVORGIVGEIKIKRPFQKGFLVAMKPLRASEEHLKQHYIDIKDRPP 60
 Qy 61 FPGIUVKMKNSGPVVAWVWEGLNVTKTRGMLGETNPADSKPGTIRGFCIQVRNLIHGS 120
 Db 61 FPGIUVKMKNSGPVVAWVWEGLNVTKTRGMLGETNPADSKPGTIRGFCIQVRNLIHGS 120
 Qy 121 DSVKSAAKEISLWMPKPSLVDYKSCARDWYIE 152
 Db 121 DSVKSAAKEISLWMPKPSLVDYKSCARDWYIE 152

RESULT 9
 US-09-199-842-4
 Sequence 4, Application US/09199842
 Patent No. 6087125
 GENERAL INFORMATION:
 APPLICANT: Bandman, Olga
 APPLICANT: Hawkins, Phillip R.
 TITLE OF INVENTION: NOVEL HUMAN NM23-LIKE PROTEIN
 NUMBER OF SEQUENCES: 5
 COUNTRY: U.S.
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/199,842
 FILING DATE:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/713,825
 ATTORNEY/AGENT INFORMATION:
 FILING DATE:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0124 US